Name: Algebra 1 pd:

January 5, 2015

Homework:

1. Write a quadratic equation given the following roots:
   1. 4 and –9
   2. –7 and –8
   3. and –3
   4. and
2. When factored, the quadratic expression x2 – 5x + 6 = (x – a)(x – b). Determine all possible integer values for a.
3. Solve for x using any method:
   1. x2 – 3x – 18 = 0
   2. 2x2 – x – 3 = 0
   3. 4x2 – 9 = 0
   4. (x – 6)(x + 6) = 5x